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Medical Simulation and Training Program Management Office

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Program Manager
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Medical Simulation and Training Program Management Office (MST PMO)



Mission

Save lives and improve healthcare through simulation.

Vision

The Military Health System's provider of choice committed to developing, acquiring, delivering and sustaining medical simulation capabilities to optimize readiness and improve healthcare.



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Origins



- **MST PMO Created by the Assistant Secretary of Defense for Health Affairs to:**
 - Transition medical training science and technology projects
 - Support the shared Services' medical training requirements
 - Respond to the geographic combatant commands requirements
 - Standardize medical training solutions
 - Centralize the sustainment of medical training solutions

MST PMO provides Total Lifecycle Management of Military Health System (MHS) training aids, devices, simulations, simulators, and services for advanced development, prototyping, production, fielding, sustainment, and disposal.

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MST PMO Supporting DHA Campaign Plan Initiatives



1 Great Outcomes



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Medical simulation facilitates great outcomes for both patients and providers by enabling a safe environment to learn and rehearse medical tasks and high-risk procedures.

2 Ready Medical Force



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World class training is the foundation of a Ready Medical Force. MST PMO is committed to providing simulation solutions in response to MHS training capabilities requirements.

3 Satisfied Patients



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The patient experience is essential to well being and recovery. Patient-centered medical simulation and training hones skills that underpin the principles of healthcare.

4 Fulfilled Staff



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Trained, Ready, and Resilient are the hallmarks of a confident workforce. Medical simulation and training enablers provide the Knowledge, Skills, and Attributes for a fulfilled workforce to meet any mission.



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Priorities

- Effectively and efficiently support the Military Treatment Facilities (MTFs) and geographic Combatant Commanders (COCOMs) Medical Simulation and Training requirements consistent with the DHA Campaign Plan.
- Develop, field, and sustain our ongoing medical simulation programs.
- Continue to support DHA Initiatives for Acquisition Governance, Processes, and Workforce.
- Take care of the Workforce.

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Opportunities

- Complicated Obstetric Emergencies Simulation System (COES2)
- Interoperable Networking for Training, Readiness, and Education in Medicine (INTREMED) Production Contract

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Complicated Obstetric Emergencies Simulation System (COES2)



- **Purpose:** To develop and implement a simulation-based Obstetrical training program in 49 military inpatient facilities worldwide for the Military Health System.
- **Details:**
 - Provide individual military inpatient facilities the ability to conduct in-situ obstetric simulation training using their currently assigned personnel.
 - Provide services to oversee and manage the purchase and fielding of simulation models to all military hospitals.
 - Develop an IT solution to track and trend Obstetrical training; update a training statistics dashboard and provide standard reports semi annually.
 - No small business set aside information available.

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COES2 Opportunity Summary

Specifications	Summary
Requiring Activity	DAD - Education & Training
Opportunity Title	Complicated OB Emergencies Simulation System (COES2)
Anticipated Award Date	2QTRFY23
Anticipated Period of Performance	5 years (base + 4 options)
Anticipated Solicitation Release Date	1QTR FY23
Anticipated NAICS Code	541519 - Other Computer Related Services (anticipated)
Existing Contract # / Incumbent	N/A
Contract Type	Firm Fixed Price w/ Cost Provisions
Competition Type	Small Business (Tentative)
Contract Vehicle	TBD
Place of Performance	Various CONUS and OCONUS MTFs
Anticipated Award Value	\$19.1M

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COES2 Fielding Plan

OCONUS	CONUS	
48th Medical Group, Lakenheath RAFB, UK	81st Medical Center, Keesler AFB	Keller Army Community Hospital
374th Medical Group, Yokota AFB, Japan	88th Medical Group, Wright Patterson AFB	Madigan Army Medical Center
673rd Medical Group JBER Alaska	96th Medical Group, Eglin AFB	Martin Army Community Hospital
Bassett Army Community Hospital, AK	99th Medical Group - Nellis AFB, NV	Oak Harbor Naval Hospital
Brian Allgood Army Community Hospital, Korea	663rd Medical Group, Langley AFB	Pensacola Naval Hospital
Guam Naval Hospital	Bayne-Jones Army Community Hospital	Portsmouth Naval Medical Center
Guantanamo Bay Naval Hospital, Cuba	Blanchfield Army Community Hospital	Reynolds Army Community Hospital
Iwakuni Naval Hospital, Japan	Bremerton Naval Hospital	San Antonio MMC, BAMC
Landstuhl Regional Medical Center, Germany	Camp Lejeune Naval Hospital	San Diego Naval Medical Center
Misawa Air Force Base, Japan	Camp Pendleton Naval Hospital	Twentynine Palms Naval Hospital
Naples Naval Hospital, Italy	Carl R. Darnall Army Medical Center	Walter Reed NMMC
Okinawa Naval Hospital, Japan	David Grant Medical Center, Travis AFB	Walter Reed USU Sim Center
Rota Naval Hospital, Spain	Dewitt Army Community Hospital	Weed Army Community Hospital
Sigonella Naval Hospital, Italy	Evans Army Community Hospital	Winn Army Community Hospital
Tripler Army Medical Center, Hawaii	General Leonard Wood Army Community Hospital	Wm Beaumont Army Medical Center
Yokosuka Naval Hospital, Japan	Irwin Army Community Hospital	Womack Army Medical Center
	Jacksonville Naval Hospital	

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Interoperable Networking for Training, Readiness, and Education in Medicine (INTREMED) Production Contract



- Capability Description:
 - INTREMED is a System of Systems, cloud native, open architecture consisting of connected state-of-the-art COTS and/or GOTS technology to enhance interoperability between existing training and education learning management and delivery systems.
- Details:
 - Provide an integrated and enterprise-wide education, training, and human performance improvement infrastructure.
 - Provide a Data-Driven Framework for Training and Education.
 - Enable Lifelong, Blended, Data-Driven, and Responsive Training.
 - Facilitate Continuous Competency Maintenance.
 - Managed by MST PMO with assistance from NAWCTSD.
 - No small business set aside information available.

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INTREMED Opportunity Summary

Specifications	Summary
Requiring Activity	DAD – Education & Training
Opportunity Title	INTREMED Production Contract
Anticipated Award Date	1QFY24
Anticipated Period of Performance	TBD
Anticipated Solicitation Release Date	3QFY23
Anticipated NAICS Code	541512, Computer Systems Design Services
Existing Contract # / Incumbent (If Applicable)	N/A
Contract Type	Firm Fixed Price
Competition Type	Small and/or large business
Contract Vehicle	TBD
Place of Performance	PM MST, Orlando, FL
Anticipated Award Value	\$10M - \$18M





Emerging Medical Training Capability

- **MHS Medical Library (MML):** Integrate, consolidate, and standardize medical libraries across the Military Health System enterprise.
- **Standardized Patient Enterprise Services (SPES):** Enterprise wide contract supporting the MTFs to provide and manage standardized patients across numerous medical specialties.
- **Enterprise Wide Military Treatment Facility Simulation Capabilities:** Contract for MTF Simulation Centers common requirements/capabilities.

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MST PMO POCs:

Program Manager – Jude Tomasello, jude.m.tomasello.civ@army.mil

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Thank You



Saving Lives Through Simulation

Enhancing Readiness and Resiliency
through medical training



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Developing and fielding Live, Virtual, Constructive
and Gaming materiel solutions to MHS healthcare
providers across the continuum of care.

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Backup

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